



## AARC Holds Another Successful Field Day

The AARC operated Field Day from Marlinton Middle School again this year. This marks the thirteenth year of operating from the school grounds. We began using the location in 1993 when a club member, Kitty Buckwalter, N8LIP was a secretary there. Prior to that, we operated from Lexington Elementary School grounds for a couple of years and also the Hillier's hill top, next to Tri-City Airport, for a few years.

The school grounds, which include a pavilion complete with picnic tables and a fire place, have ample room for setting up stations and antennas and satisfy the bonus category of operation from a public place.

Several operators this year found band conditions to be less than optimal and our score almost certainly falls short of last years performance, but most had a

good time, anyway.

Jim, K8LTG, along with Don, AB8KV tried something new to hoist an antenna and had to work out the bugs, but they were successful in the end. Don, K8OMO brought his mobile crane again this year, which was used to set up Jim's tower and then served as a support for other antennas. Don also brought his mobile communications van out.

The club would like to thank everyone who participated and especially those who donated food, fuel and equipment. Special thanks go out to Howard, K8DXR for the ribs and beans, Bob Steele's daughter and Sub Way for the sub sandwiches. Also John, KD8MQ who brought drinks, and Sherry Whitaker for her contributions and help.



KD8MQ operating (?) one of the clubs very fine HF rigs.

### De Olde Meeting Announcement

The next meeting of the Alliance ARC will be on Wednesday, July 6<sup>th</sup>, in the cafeteria of the Alliance Community Hospital. Our meetings begin at 7:30 PM, and are an excellent opportunity for eyeball QSO's. Directions can be found on the K8LTG Repeater (145.370) See you there!

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## Editorial

This month's Zero Beat is running very late due to several factors, including a very fast trip to Maine and back this past weekend. I dropped my wife off at her nephew's home near Bangor and will pick her up next weekend.

There are quite a few pictures that I would like to publish, but I'm out of time, so I will put a few in upcoming editions of the newsletter.

If I failed to thank anyone for specific contributions please let me know and accept my apology. I will mention you in next months newsletter.

I'm sure I'm forgetting something I was asked to mention, but don't have a clue right now what it is. I'm sure I'll remember after I post this.

Hope to see everyone at the meeting.

KE8VE

## Meetings

The Alliance Amateur Radio Club meets on the First Wednesday of every month, in the cafeteria of the Alliance Community Hospital. Talk-in is on 145.37 @. Meetings begin at 7:30 PM. Visitors are always welcome.

## Nets

Thursday is our "net night," with the following nets on tap:

### Ten meters

CW @ 8PM on 28.400 MHz  
SSB @ 8:30PM on 28.400 MHz

### 2 meters

9 PM on 145.37 MHz

## Internet

If you'd like to check us out on the web, our E-mail address is:

[w8lky@qsl.net](mailto:w8lky@qsl.net)

Our club home page is:

<http://www.w8lky.org>

## Newsletter Information

The Zero Beat is a publication of the Alliance Amateur Radio Club, P.O. Box 3344, Alliance, OH 44601

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You can submit material to the Zero Beat either electronically, to ke8ve@alliancelink.com, in person, or via snail mail. I can read most word processor formats, but prefer your files to be in straight text, E-mail, or Microsoft Word format.

## June Minutes

### ALLIANCE AMATEUR RADIO CLUB

**June 1, 2005**

The regular meeting of the Alliance Amateur Radio Club was held at the Alliance Community Hospital on June 1, 2005 at 7:30 PM with club president Robert Steele, K8RLS, presiding. The Pledge of Allegiance was recited, followed by introductions.

The minutes of the May meeting were published in the newsletter. The secretary reported that a thank-you card had been sent to Darla Scoville in appreciation for the amateur radio stamps. In addition, a sample news release concerning Field Day was then passed around during the meeting to solicit comments or suggestions. The minutes were then approved on a motion by Howard, K8DXR, and seconded by Joe, KC8TAC.

Mary Ann, KB8IVS, gave the treasurer's report. It was approved on a motion by Joe, KC8TAC and seconded by Jerry, KG8RN.

#### **Old business:**

Don, K8OMO, reported on the operation of the Homeland Security Hospital Communications net. The net operation of May 31 had 23 check-ins from 5 counties. Dave, N8NLZ, asked what over-all area was desired to be covered by this net. Don re-

sponded that he would be happy with 3 counties, but that the coverage was actually better than that, with previous check-ins from Stark, Summit, Portage, Mahoning, Columbiana and Carroll counties. However, it was noted that in Canton both Mercy Medical center and Aultman hospitals, while having the required equipment, were not using it.

President Steele then asked for general discussion concerning the previously suggested hamfest to be hosted by the AARC. There were suggestions for a location ranging from the Mile Branch Grange to the Nimishillen Grange, Hartville Flea market or the Marlinton Middle School. It was pointed out that the high potential cost of renting some of the suggested facilities along with other associated expenses would have to be taken into account and could make the venture prohibitively costly for the club. It was then agreed that any such hamfest would definitely have to wait until next year, with further discussion about location and particulars to be postponed until after Field Day.

Concerning Field Day, President Steele read off a number of ARRL-sanctioned activities or actions which could add points to the club score. Don, K8OMO, reported that he would be bringing the comm van to Field Day, and that George, K3GP, was bringing equipment for operation on 20 meters. John, KD8MQ, was intending to operate on 40 meters and possibly other bands. The free VHF station would be

centered on 6 meters, but possibly use other bands as well and would be operated by Joe, KC8TAC or Howard, K8DXR, with Howard possibly operating on 15 meters as well. Plans for food and beverages were finalized, including sandwiches from Subway and a cooler of soda and water from John, KD8MQ. K8OMO noted that Dana, N8DA, would be operating a Winlink setup on 145.070.

A drawing was held for two tickets to the Breezeshooters hamfest. These were won by Joe, KC8TAC and Larry, KE8VE.

#### **New business:**

President Steele noted that Kids' Day would be held on June 18 and recited the suggested exchange of information. He also pointed out that the Ohio QSO party was coming up on August 27. In addition, he noted that recently on the Jay Leno show, a race between CW operators and cell phone text messengers was handily won by the CW crew.

President Steele then announced that the club post office box rent was due. A motion to pay the rent was then made by Howard, K8DXR and seconded by Jim, K8LTG.

The meeting was then closed at 8:25 PM on a motion from Dave, N8NLZ and seconded by Sam, KC8ETZ.

Respectfully submitted by:  
Don Kingan, AB8KV, secretary.

## THE WAYBACK MACHINE

ISSUE #19

by **Bill Continelli, W2XOY**

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In 1974, the amateur radio population was on the increase again, thanks to the popularity of 2 meter FM. Incentive Licensing had been in place for 5 years, and the anger and resentment over losing HF frequencies was beginning to fade.

However, trouble was brewing. The FCC had several petitions on their agenda, most from hams, and one from the Electronics Industry Association. In late 1974, two bombshells were dropped.

The first surprise was Docket #20282--the FCC's restructuring plan for amateur radio. Apparently oblivious to the upheaval that was caused in the 1960's with Incentive Licensing, the FCC was now proposing rules that would take away major privileges from Generals, eliminate the ability of 90% of Technicians to renew their license, and, horror of horrors, create a new "No Code" license. The proposal was somewhat complicated, so grab a pencil and some paper, and follow along.

The FCC, in essence, wanted to create a "dual ladder" incentive licensing system, with two routes available. The first, named Series A, covered the shortwave frequencies, while Series B encompassed the VHF-UHF allocations. The dividing line between Series A and Series B was not 50 Mhz, as one would expect, but rather 29 Mhz, or roughly the middle of the 10 meter band.

Series A contained familiar amateur classes--Novice, General, Advanced and Extra. Novices would get a power increase from 75 to 250 watts input, and would also gain a 5 year renewable license to replace the 2 year non-renewable one now in existence. Generals would lose big--the 29.0 to 29.7 Mhz segment of 10 meters would be taken away; they would be limited to A1 (cw), A3 (AM & SSB), and F3 (FM) emissions only (in other words no more slow scan TV, RTTY, or radio control); power output would be reduced to 500 watts PEP; and they could no longer supervise mail examinations. Furthermore, they could no longer be the trustee of a club station or repeater. Generals who were

already licensed if or when this proposal was adopted would also be "Grandfathered" into the Series B Technician Class license.

The Advanced class gained under Series A. They kept all of their privileges below 29 Mhz, received a power increase to 2 kw PEP output, gained access to the Extra Class phone segments, and would be "Grandfathered" into the new "Experimenter" Class in Series B.

The Extra Class lost their exclusive phone bands, which would be shared with the Advanced license. However, they kept their cw subbands, and gained the 2 kw PEP output, as well as a lifetime operator license. Note that the Conditional Class license is not mentioned. That's because the FCC incorporated it into the General license. Conditionals would have the letter "C" after the word General, and their license would not be renewable.

On the Series B, or VHF-UHF side, the proposed changes were even more drastic.

The FCC, for the entry level license, would create a new "No Code" "Communicator" Class, which would allow operations above 144 Mhz using F3 (FM) emissions only.

Technicians would gain some frequencies--the 50.0-50.1 and 144-145 Mhz segments--but otherwise, like the Generals, would lose big. They could only use A1, A3 and F3 emissions with 500 watts PEP output, and could not be the trustee of a club station or repeater. However, the worst news for Technicians was that those who had taken their exam via mail (about 90%) would not be allowed to renew. They, like the Conditionals, would have to pass the test again before their license expired.

One step above the Technician Class was another new license proposed by the FCC--the Experimenter Class. "Experimenters" would have all amateur privileges above 29 Mhz, with 2 kw PEP output.

Above the Experimenter license was the Extra Class, which held the distinction of being at the top of the ladder for both Series A and B.

The FCC proposed adjusting the written exams to accommodate the different requirements of Series A and

*(Continued on last page)*

# July 2005

## Birthday Greetings to: K8CMI and K8CAT

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday																																																																																								
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3 DARC 10-Meter Digital Contest	4 COLUM. COUNTY TRAINING NET 8:00PM <b>Independence Day</b> MI QRP July 4th CW Sprint RSGB 80m Club Championship, CW	5 <b>Homeland Security Net</b> 7PM at ACH 147.12 NORTHERN COLUMBIANA ARES NET 9PM 147.255	6 <b>AARC Meeting</b> 7:30 CARROLL CTY NET - 8PM - 147.075	7 <b>AARC NETS</b> 8:00, 8:30, 9:00 QCWA Net 7:30	8 MASSILLON NET 8:00PM 147.18	9 FISTS Summer Sprint IARU HF World Championship SUMMIT CO AMERICAN RED CROSS VE, AKRON, OH VK/Trans-Tasman 160m Contest, Phone																																																																																								
10 ARCI Summer Homebrew Sprint <b>CUYAHOGA ARS VE, INDEPENDENCE, OH</b>	11 COLUM. COUNTY TRAINING NET 8:00PM	12 <b>Homeland Security Net</b> 7PM at ACH 147.12 NORTHERN COLUMBIANA ARES NET 9PM 147.255	13 CARROLL CTY NET - 8PM - 147.075 RSGB 80m Club Championship, SSB	14 <b>AARC NETS</b> 8:00, 8:30, 9:00 QCWA Net 7:30	15 <b>K8CMI</b> MASSILLON NET 8:00PM 147.18	16 CQ Worldwide VHF Contest <b>NOARSFEST, Wellington, OH</b> North American QSO Party, RTTY																																																																																								
17 RSGB Low Power Field Day <b>Van Wert Amateur Radio Club Hamfest, Van Wert, OH</b>	18 COLUM. COUNTY TRAINING NET 8:00PM	19 <b>Homeland Security Net</b> 7PM at ACH 147.12 NORTHERN COLUMBIANA ARES NET 9PM 147.255	20 CARROLL CTY NET - 8PM - 147.075	21 <b>AARC NETS</b> 8:00, 8:30, 9:00 MAHONING VALLEY ARA VE, YOUNGSTOWN, OH QCWA Net 7:30 RSGB 80m Club Championship, Data	22 MASSILLON NET 8:00PM 147.18	23 <b>8th Annual OH-KY-IN Hamfest, Cincinnati, OH</b> Great Lakes Sweepstakes VK/Trans-Tasman 160m Contest, CW																																																																																								
24 <b>K8CAT</b> <b>WARREN ARA VE, NEWTON FALLS, OH</b>	25 COLUM. COUNTY TRAINING NET 8:00PM	26 <b>Homeland Security Net</b> 7PM at ACH 147.12 NORTHERN COLUMBIANA ARES NET 9PM 147.255	27 CARROLL CTY NET - 8PM - 147.075	28 <b>AARC NETS</b> 8:00, 8:30, 9:00 QCWA Net 7:30	29 MASSILLON NET 8:00PM 147.18	30 RSGB IOTA Contest <b>WRECS VE, BENTLEYVILLE, OH</b>																																																																																								
31 ARS Flight of the Bumblebees <b>PORTAGE COUNTY HAMFEST/VE, RANDOLPH, OH</b>	<div style="display: flex; justify-content: space-around;"> <table border="1"> <caption>June</caption> <thead> <tr><th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th></tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td></tr> <tr><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td></tr> <tr><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td></tr> <tr><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td></tr> <tr><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td></td><td></td></tr> </tbody> </table> <table border="1"> <caption>August</caption> <thead> <tr><th>S</th><th>M</th><th>T</th><th>W</th><th>T</th><th>F</th><th>S</th></tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td></tr> <tr><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td></tr> <tr><td>14</td><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td></tr> <tr><td>21</td><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td></tr> <tr><td>28</td><td>29</td><td>30</td><td>31</td><td></td><td></td><td></td></tr> </tbody> </table> </div>					S	M	T	W	T	F	S					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30			S	M	T	W	T	F	S					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31				
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*If you get to thinkin' you're a person of some influence, try orderin' somebody else's dog around.*



Alliance Amateur Radio Club  
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## WAYBACK MACHINE

*(Continued from page 4)*

Series B. Element 2 (the old Novice written exam) would be rewritten into 2A (Novice) and 2B (Communicator). Novices would have to pass the 5 wpm code, as well as 2A, while Communicators only had to pass 2B. Likewise, the General Element 3 would be divided into 3A (General) and 3B (Technician). Generals and Technicians would still have to pass the 13 and 5 wpm code tests respectively. Advanced Class operators needed 13 wpm and the Element 4A written exam, while Experimenters had to pass a 5 wpm code test along with Element 4B. For the Advanced and Experimenter Classes, only the 20 wpm code test was needed to upgrade to Extra.

Since, except for the Extra, the Series A and Series B licenses did not overlap, the FCC would allow amateurs to hold one license in each Series. This created some interesting possibilities. As previously noted, a General could also hold a Technician, and an Advanced the Experimenter. Both Technicians and Experimenters could obtain a Novice, if they passed Ele-

ment 2A. The "No Code" Communicator could also hold a Novice, if Element 2A and the 5 wpm tests were passed.

The FCC set a June 1975 deadline for comments on the restructuring proposal.

The ARRL, still smarting from the Incentive Licensing conflicts, wasn't going to comment until they had taken the pulse of their members. What was the ARRL's response? And just what was "Class E CB", the other FCC proposal? How did it affect Amateur radio? In our next installment, the "Wayback Machine" will have the answers.

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